

**DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION\***

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SCHMITT TRIGGER CIRCUIT WITH ADJUSTABLE TRIP POINT VOLTAGES**

and for which a patent application:

- ☒ is attached hereto and includes amendment(s) filed on *(if applicable)*  
☐ was filed in the United States on as Application No. *(for declaration not accompanying application)*  
 with amendment(s) filed on *(if applicable)*  
☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

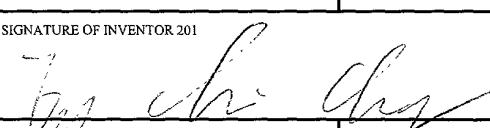
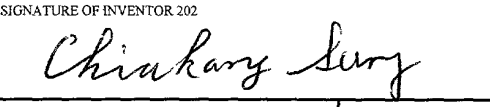
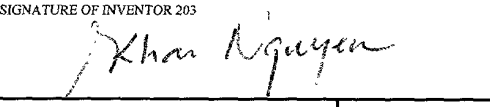

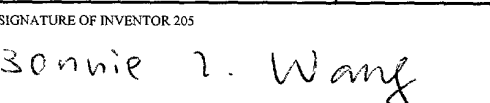
PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

\* for use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	LAST NAME Chang	FIRST NAME Tzung-Chin	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP Taiwan	
	POST OFFICE ADDRESS	STREET 760 Saratoga Avenue, #Z208	CITY San Jose	STATE CA	ZIP CODE 95129
	SIGNATURE OF INVENTOR 201 			DATE 11/27/01	
202	FULL NAME OF INVENTOR	LAST NAME Sung	FIRST NAME Chiakang	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Milpitas	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 2005 Skyline Drive	CITY Milpitas	STATE OR COUNTRY CA	ZIP CODE 95035
	SIGNATURE OF INVENTOR 202 			DATE 11/28/01	
203	FULL NAME OF INVENTOR	LAST NAME Nguyen	FIRST NAME Khai	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 499 Suisse Drive	CITY San Jose	STATE OR COUNTRY CA	ZIP CODE 95123
	SIGNATURE OF INVENTOR 203 			DATE 11/27/01	
204	FULL NAME OF INVENTOR	LAST NAME Huang	FIRST NAME Joseph	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 1231 Briarleaf Circle	CITY San Jose	STATE OR COUNTRY CA	ZIP CODE 95131
	SIGNATURE OF INVENTOR 204 			DATE 11/27/01	
205	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Bonnie	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Cupertino	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 10371 Prune Tree Lane	CITY Cupertino	STATE OR COUNTRY CA	ZIP CODE 95014
	SIGNATURE OF INVENTOR 205 			DATE 11/27/01	

206	FULL NAME OF INVENTOR	LAST NAME Chong	FIRST NAME Yan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Stanford	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET Quillen 12B EV	CITY Stanford	STATE CA	ZIP CODE 94305
	SIGNATURE OF INVENTOR 202			DATE 11/30/2001	
207	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Xiaobao	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Santa Clara	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET 388 Montclair Drive	CITY Santa Clara	STATE CA	ZIP CODE 95051
	SIGNATURE OF INVENTOR 202			DATE 11/27/01	
208	FULL NAME OF INVENTOR	LAST NAME Pan	FIRST NAME Philip	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Fremont	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 44531 Kadi Court	CITY Fremont	STATE CA	ZIP CODE 94539
	SIGNATURE OF INVENTOR 202			DATE 11/27/01	
209	FULL NAME OF INVENTOR	LAST NAME Rangan	FIRST NAME Gopinath	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Santa Clara	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP India	
	POST OFFICE ADDRESS	STREET 3500 Granada Avenue, Apt. 385	CITY Santa Clara	STATE CA	ZIP CODE 95051
	SIGNATURE OF INVENTOR 202			DATE 11/27/01	
210	FULL NAME OF INVENTOR	LAST NAME Kim	FIRST NAME In Whan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 2702 Ohlone Drive	CITY San Jose	STATE CA	ZIP CODE 95132
	SIGNATURE OF INVENTOR 202			DATE	

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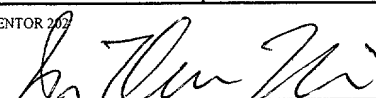
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	POST OFFICE ADDRESS	STREET 2702 Ohlone Drive	CITY San Jose	STATE CA	ZIP CODE 95132
		SIGNATURE OF INVENTOR 202 		DATE 11/30/01	

POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Chang et al.

Application No.: To be assigned

Group Art Unit: To be assigned

Filed: Concurrently herewith

Examiner: To be assigned

For: SCHMITT TRIGGER CIRCUIT  
WITH ADJUSTABLE TRIP POINT  
VOLTAGES

Attorney Docket No.: 9818-061-999

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints: Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No.

POWER OF ATTORNEY

35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Alan Tenenbaum (Reg. No. 34939), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 34514), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), and Kenneth L. Stein (Reg. No. 38704), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. ), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

The undersigned assignee also appoints: Derek E. Minihane (Reg. No. 39,774) and James M. Wu, (Reg. No. 45,241) of Altera Corporation to prosecute this application and to transact all business in the United States Patent and Trademark Office. The undersigned Director, Patent Counsel is authorized to act on behalf of the assignee in executing this document.

An assignment of the entire interest in the above-identified subject application:

☐ was recorded on \_\_\_\_\_ at reel/frame \_/\_\_\_\_\_.

☒ is submitted herewith for recording.

Please direct all correspondence for this application to customer no. 20583.

ASSIGNEE:

ALTERA CORPORATION

Signature:



Typed Name:

Derek E. Minihane

Position/Title:

Director, Patent Counsel

Address:

101 Innovation Drive

San Jose, California 95134

Date:

12/12/01